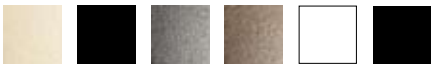
Cochlear™ Baha® BP100

Cochlear Baha BP100 is a fully programmable sound processor developed exclusively to meet the needs of patients with conductive loss, mixed loss or single-sided sensorineural deafness (SSD).

The automatic signal processing in Cochlear Baha BP100 helps to ensure that your patients will benefit from the best signal across a variety of sound environments. BP100 is based on Baha bone conduction technology and designed to work with the Cochlear Baha implant.



Available in champagne blonde, soft black, slate grey, chestnut brown, glacier white and piano black.

Features

- Fully programmable, premium head worn sound processor
- 12 channel sound analysis
- 3 user-defined programs
- Wide-band Dynamic Range Compression
- Automatic Adaptive Multi-band Directional System
- Automatic Noise Management
- Active Feedback Cancellation
- Acoustic Shock Protection
- Dedicated fitting rationales for mixed loss, conductive loss and SSD
- Dedicated listening programs for music and noisy environments
- Direct Audio Input with Europlug connector

Ordering information

The Cochlear Baha BP100 is delivered in a kit that includes the sound processor, abutment cover, batteries, cleaning brush, safety line and Patient User Manual. The Baha BP100 also comes with a small test rod that allows wearers to 'share their Baha experience' with friends and family.

91300	Baha BP100 Champagne Blonde
91301	Baha BP100 Soft Black
91302	Baha BP100 Slate Grey
91303	Baha BP100 Chestnut Brown
91304	Baha BP100 Glacier White
91305	Baha BP100 Piano Black

Available accessories

AUDIO ADAPTER

The audio adapter allows direct input from computers, personal stereos, TVs, MP3s and other external audio equipment.

Order no. 91180 (Short cable)
Order no. 91868 (Long cable)

TELECOIL UNIT

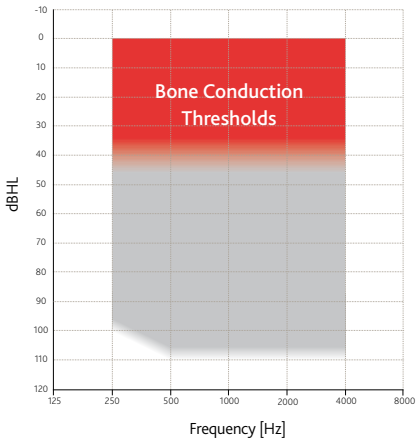
The telecoil unit enables access to loop facilities in homes and public buildings.

Order no. 91181

FM-RECEIVER

The Baha BP100 is designed to accomodate FM receivers with signal source output compatible with IEC 60118-6 and with europlug connector according to IEC 60118-12.

Fitting range



Bone-conduction thresholds ≤ 45 dB HL averaged across 500, 1000, 2000, and 3000 Hz

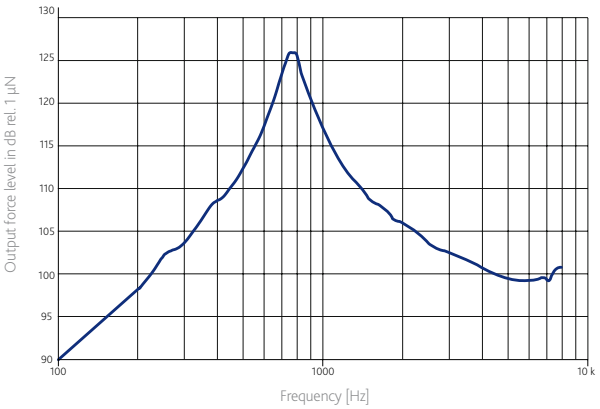
Air-conduction thresholds may extend into this area

The Baha BP100 is suitable for individuals with bone conduction thresholds within the red area indicated in the graph. For further details, see the Candidate Selection Guide.

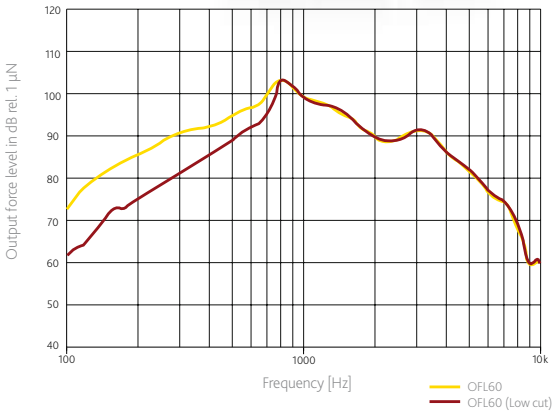
Sound processor not shown in actual size

Program change button, on/off button
Volume up button
Volume down button
Plastic snap connector
Attachment point for the safety line

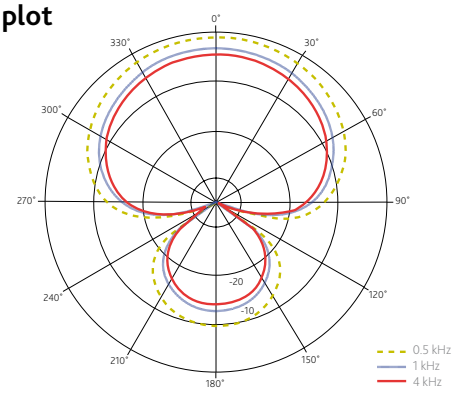
Maximum output force level



Full-on gain



Polar plot



Polar Plot Free Field for Cochlear Baha BP100 Automatic Directional System

Technical information

Weight:	14g
Size:	30 x 21 x 12mm
Battery voltage:	1.1 – 1.5V
Battery type:	13
Current Consumption:	1.6 mA (in silence)
	1,9 mA (at 60 dB SPL, 1600 Hz)
Frequency range:	250-7000 Hz (ANSI 3.,22)
Peak OFL at 90 dB SPL:	126 dB
Peak OFL at 60 dB SPL:	104 dB
Acousto-mechanical gain at 60 dB SPL, 1600 Hz:	34 dB
Harmonic distorsion:	Below 3% above 600 Hz
Equivalent input noise level (EINL):	28 dB
Electrical input equivalent to an acoustic	
input of 70 dB SPL:	1 mV_{RMS}, 1600 Hz
Input impedance:	> 10 kOhm
Processing delay:	3 ms

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